

WHAT IS CLAIMED IS:

1. A cable winder guide for winding cable, comprising:
a cylindrical drum having a cylindrical surface;
a shaft rotatably mounting said cylindrical drum;
a drive for rotating said cylindrical drum about said shaft;
a helical groove defined in said cylindrical surface for retrieving and releasing the cable
upon rotation of said cylindrical drum; and
a cable retainer resiliently engaging the cable when the cable is located within said
helical groove for maintaining said cable within said helical groove.
2. A cable winder guide as set forth in Claim 1, wherein said helical groove has a depth,
wherein said depth of groove in said drum is substantially greater than one half and less than
three quarters cable diameter.
3. A cable winder guide as set forth in Claim 1, wherein said cable retainer defines a
substantially semi-cylindrical shape having a diameter greater than said drum diameter and less
than said drum diameter plus two cable diameters.
4. A cable winder guide as set forth in Claim 1, wherein said cable retainer comprises a
polymeric material.
5. A cable winder guide as set forth in Claim 1, wherein said cable retainer comprises a
mixture of polyethylene and polypropylene material.

6. A cable winder guide as set forth in Claim 1, wherein said helical groove has a depth, wherein said depth of groove in said drum is substantially greater than one half and less than three quarters cable diameters; and said cable retainer defines a substantially semi-cylindrical shape having a diameter greater than said drum diameter and less than said drum diameter plus two cable diameters.

7. A cable winder guide as set forth in Claim 1, wherein said cable retainer defines a substantially semi-cylindrical shape having a diameter greater than said drum diameter and a length substantially equal to said helical groove in said cylindrical surface of said drum.

8. A cable winder guide as set forth in Claim 1, wherein said helical groove has a depth, wherein said depth of groove in said drum is substantially greater than one half and less than three quarters cable diameters; said cable retainer comprising a polymeric material and defines a substantially semi-cylindrical shape having a diameter greater than said drum diameter and less than said drum diameter plus two cable diameters.

9. A cable winder guide as set forth in Claim 1, wherein said cable retainer comprises a polymeric material and defines a substantially semi-cylindrical shape having a diameter greater than said drum diameter and less than said drum diameter plus two cable diameters.

10. A cable winder guide for winding cable, comprising:
a cylindrical drum having a cylindrical surface;
a shaft rotatably mounting said cylindrical drum;
a drive for rotating said cylindrical drum about said shaft;

a helical groove defined in said cylindrical surface for retrieving and releasing the cable upon rotation of said cylindrical drum;

a cable retainer resiliently engaging the cable when the cable is located within said helical groove for maintaining said cable within said helical groove; and

said cable retainer comprising a polymeric material.

11. A cable winder guide as set forth in Claim 10 wherein said helical groove has a depth, wherein said depth of groove in said drum is substantially greater than one half and less than three quarters cable diameters.

12. A cable winder guide as set forth in Claim 10, wherein said cable retainer defines a substantially semi-cylindrical shape having a diameter greater than said drum diameter and less than said drum diameter plus two cable diameters.

13. A cable winder guide as set forth in Claim 10, wherein said helical groove has a depth, wherein said depth of groove in said drum is substantially greater than one half and less than three quarters cable diameters; and said cable retainer defines a substantially semi-cylindrical shape having a diameter greater than said drum diameter and less than said drum diameter plus two cable diameters.

14. A cable winder guide as set forth in Claim 10, wherein said cable retainer defines a substantially semi-cylindrical shape having a diameter greater than said drum diameter and a length substantially equal to said helical groove in said cylindrical surface of said drum.

15. A cable winder guide as set forth in Claim 10, wherein said helical groove has a depth, wherein said depth of groove in said drum is substantially greater than one half and less than three quarters cable diameters; said cable retainer comprising a polymeric material; and said cable retainer defines a substantially semi-cylindrical shape having a diameter greater than said drum diameter and less than said drum diameter plus two cable diameters.

16. A cable winder guide for winding cable, comprising:
a cylindrical drum having a cylindrical surface;
a shaft rotatably mounting said cylindrical drum;
a drive for rotating said cylindrical drum about said shaft;
a helical groove defined in said cylindrical surface for retrieving and releasing the cable upon rotation of said cylindrical drum;
said helical groove having a depth greater than one half and less than three quarters cable diameters;
a cable retainer resiliently engaging the cable when the cable is located within said helical groove for maintaining said cable within said helical groove; and
said cable retainer defining a substantially semi-cylindrical shape having a diameter greater than said drum diameter and less than said drum diameter plus two cable diameters.

17. A cable winder guide as set forth in Claim 16, wherein said cable retainer comprises a polymeric material.

18. A cable winder guide as set forth in Claim 16, wherein said cable retainer comprises a

polyethylene and polypropylene mixture material.

19. A cable winder guide as set forth in Claim 16, wherein said cable retainer defines a substantially semi-cylindrical shape having a diameter greater than said drum diameter and a length substantially equal to said helical groove in said cylindrical surface of said drum.